



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
A collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.		Complete if Known	
PT & TRADESMAN Institute for form 1449A/PTO		Application Number	10/658,043
		Filing Date	09/09/2003
		First Named Inventor	Peter Sui Lun Fong
		Art Unit	3712
		Examiner Name	Unknown
		Attorney Docket Number	NORLA-001C5
(Use as many sheets as necessary)			
Sheet	1	of	1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sh

1

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Signature	John A. Ricci	<i>John Ricci</i>	Date Considered	6/19/05
-----------------------	---------------	-------------------	--------------------	---------

***EXAMINER:** Initial if reference considered. Whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

DEC 06 2004

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

0

Complete if Known

Application Number	10/658,043
Filing Date	09/09/2003
First Named Inventor	Peter Sui Lun Fong
Group Art Unit	3712
Examiner Name	Ricci, John A.
Attorney Docket Number	NORLA-001C5

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
2	1	William L. Wolfe, "The Infared Handbook," Environmental Research Institute of Michigan, 4 pages, 1978, Michigan.	
2	2	FRED MARTIN, "Children, Cybernetics, and Programmable Turtles", Thesis for the Master of Science degree, June 23, 1989, 91 pages, Boston, Massachusetts.	
2	3	Resnick, Mitchel. (1994). "Turtles, Termites, and Traffic Jams," (Chapters 2 and 3) Cambridge, Massachusetts: MIT Press.	
2	4	MIT Media Laboratory, "Things That Think," January 31, 1996, 4 pages, Boston Massachusetts.	
2	5	Fred G. Martin, "Kids Learning Engineering Science Using Lego and the Programmable Brick," MIT Media Laboratory, Scholarly Paper, 16 pages, April 8, 1996, New York, New York.	
2	6	R. Borovoy et al. "Things That Blink: Computationally Augmented Name Tags," 8 pages, IBM Systems Journal, Volume 35, Nos. 3 & 4, October 25, 1996.	
2	7	M. Resnick et al. "Programmable Bricks: Toys to think with," web page, 14 pages, October 25, 1996, IBM Systems Journal, Volume 35, Nos. 3 & 4, http://researchweb.watson.ibm.com/journal/sj/mit/sectionc/martin.html	
2	8	MIT Media Laboratory, "Varieties of Crickets," web page, 3 pages, April 2, 1997, http://web.archive.org/web/19990909124117/lcs.www.media.mit.edu/people/fredm/project.html	
2	9	Fred Martin, "Cricket Logo System," web page, 3 pages, June 12, 1997, MIT Media Laboratory, http://web.archive.org/web/1999090972330/lcs.www.media.mit.edu/people/fredm/project.html	
2	10	Robbie Berg, "Cricket Logo: Language Reference, "Red Dot" Version," web page, 10 pages, September 28, 1997, MIT Media Laboratory, http://web.archive.org/web/2000030213557/lcs.www.media.mit.edu/people/fredm/project.html	
2	11	Jeffrey R. Young, "MIT Scholar Brings Legos into the Digital Age," The Chronical of Higher Education, Scholarly Journal, November 14, 1997, 5 pages, Cambridge, Massachusetts, http://chronical.com/data/articles.dir/art-44.dir/issue-12.dir/12a00101.html	

Examiner
SignatureJohn A. Ricci
Primary Examiner

ah pri

Date
Considered

6/9/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

0

Complete if Known

Application Number	10/658,043
Filing Date	09/09/2003
First Named Inventor	Peter Sui Lun Fong
Group Art Unit	3712
Examiner Name	Ricci, John A.

Attorney Docket Number NORLA-001C5

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
2	12	Fred G. Martin, "Why is Cricket Info Password-Protected?" web page, 1 page, February 13, 1998, MIT Media Laboratory, http://web.archive.org/web/19990218043511/lcs.www.media.mit.edu	
2	13	Sensory Design 1998, "Cricket Logo," web page, 15 pages, July 6, 1998, MIT Media Laboratory, http://web.archive.org/web/19990427221027/http://el.www.media.mit.edu/people/mikhak/	
2	14	Fred Martin et al. "Crickets: Tiny Computers for Big Ideas," web page, 3 pages, August 22, 1998, MIT Media Laboratory, http://wcb.archive.org/wcb19981203004241/lcs.www.media.mit.edu/people/fredm/project.html	
2	15	Fred G. Martin, "Welcome to Fred's World," web page, 4 pages, November 11, 1998, MIT Media Laboratory, http://web.archive.org/web/1998205062652/http://lcs.www.media.mit.edu/people/fredm.html	
2	16	M. Resnick et al. "Beyond Black Boxes: Bringing Transparency and Aesthetics Back to Scientific Instruments," Scholarly Paper, 14 pages, Dec. 6, 1998, MIT Media Laboratory, http://web.archive.org/web/19981206200241/el.www.media.mit.edu/groups/el/papers/mres.html	
2	17	MIT Media Laboratory, "Introduction to Cricket Logo," web page, 1 page, September 9, 1999, http://web.archive.org/web/19990909064113/lcs.www.media.mit.edu/people/fredm/project.html	
2	18	Bakhtiar Mikhak et al. "The Children's Machines: Handheld and Wearable Computers Too," 13 pages, International Symposium on Handheld and Ubiquitous Computing, Karlsruhe, Germany, 1999.	
2	19	MIT Media Laboratory, "Getting Started with Crickets," web page, 4 pages, March 1, 2000, http://web.archive.org/web/20000301233922/lcs.www.media.mit.edu/people/fredm/project.html	
2	20	Fred Martin et al. "Mind Storms and Beyond: Evolution of a Construction Kit for Magical Machines," Scholarly Paper, 20 pages, March 2000, MIT Media Laboratory, Cambridge Massachusetts.	
2	21	MIT Media Laboratory, "Communicating with Crickets," web page, 2 pages, November 7, 2001, http://web.archive.org/web/20011107151326/lcs.www.media.mit.edu/people/fredm/project.html	
2	22	MIT Media Laboratory, Information on Crickets and Logo Blocks, web page, 21 pages, September 16, 2004, http://llk.media.mit.edu/projects/cricket/doc/index.shtml	

Examiner
Signature

John A. Ricci

John Ricci

Date
Considered

6/18/05

Primary Examiner

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



HC 13 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08B (10-01)

Approved for use through 10/31/2002 OMB 0651-0031

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 0

Sheet 1 of 0

Complete if Known

Application Number	10/658,043
Filing Date	09/09/2003
First Named Inventor	Peter Sui Lun Fong
Group Art Unit	3712
Examiner Name	Ricci, John A.
Attorney Docket Number	NORLA-001C5

Sheet 1 of 0

Sheet 1 of 0

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner John A. Ricci
Signature Primary Examiner *John Ricci* Date Considered 6/18/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

O I P E JESSICA MAR 14 2005
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

Complete if Known

Application Number	10/658,043
Filing Date	09/09/2003
First Named Inventor	Peter Sui Lun Fong
Group Art Unit	3712
Examiner Name	Ricci, John A.
Attorney Docket Number	NORLA-001C5

of

0

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
<i>J</i>	1	"LEGO/Logo and Electronic Bricks: Creating a Scienceland for Children. Ed. Fred Martin and Mitchel Resnick. 28 pages. 20 August 1990. Massachusetts Institute of Technology. Cambridge. <http://web.archive.org/web/20010920095624/fredm.www.media.mit.edu/people/fredm/papers/nolo.htm>	
<i>J</i>	2	"Children and Artificial Life." Ed. Mitchel Resnick and Fred Martin. 9 pages. October, 1990. Massachusetts Institute of Technology. Cambridge. <http://lcs.www.media.mit/groups/el/elemeno/10-90memo.html>	
<i>J</i>	3	"Braitenberg Creatures." Ed. David W. Hogg, Fred Martin, and Mitchel Resnick. 19 pages. 5 June 1991. Massachusetts Institute of Technology. Cambridge. <http://web.archive.org/web/19981206122425/lcs.www.media.mit/people/fredm/papers/vehicles.html>	
<i>J</i>	4	Resnick, Mitchel. "Behavior Construction Kits." 7 pages. Scholarly Paper. Massachusetts Institute of Technology, July, 1993. Cambridge. <http://llk.media.mit.media.edu/papers/archive/BCK.html>	
<i>J</i>	5	Martin, Fred G. "Circuits to Control: Learning Engineering by Designing LEGO Robots." 255 pages. Diss. Massachusetts Institute of Technology. June, 1994. Cambridge.	
<i>J</i>	6	Logo Foundation. "Logo Update." Periodical Newsletter, Vol. 3, Number 3. 11 pages. 1995. New York, NY.	
<i>J</i>	7	Logo Foundation. "Logo Update." Periodical Newsletter, Vol. 4, Number 1. 9 pages. 1995. New York, NY. <http://el.media.mit/logo-foundation/pubs/logoupdate/v4n1.html>	
<i>J</i>	8	MIT Media Laboratory. "The Motor/Sensor 'Cricket'" technical drawing, version 1.01. 2 pages. 3 March 1996.	
<i>J</i>	9	Begel, Andrew. "LogoBlocks: A Graphical Programming Language for Interacting with the World." 32 pages. Scholarly Paper. Massachusetts Institute of Technology, 24 May 1996. Cambridge.	
<i>J</i>	10	"Cricket System Technical Overview." Ed. Fred Martin and Brian Silverman. 9 pages. 29 May 1997. Massachusetts Institute of Technology. Cambridge. <http://llk.media.mit/projects/cricket/about/techtalk/index.html>	
<i>J</i>	11	Resnick, Mitchel. "Technologies for Lifelong Kindergarten." 17 pages. Scholarly Paper published in Educational Technology Research & Development Scholarly Journal, Vol. 46, No. 4, 1998.	

Examiner Signature

John A. Ricci
Primary Examiner*John A. Ricci*

Date Considered

6/8/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/088 (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 0

Complete if Known

Application Number	10/658,043
Filing Date	09/09/2003
First Named Inventor	Peter Sui Lun Fong
Group Art Unit	3712
Examiner Name	Ricci, John A.
Attorney Docket Number	NORLA-001C5

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
2	12	MIT Media Laboratory. "Crickets & Sensors: Cricket Family Tree." Technical diagram. 1 page. Massachusetts Institute of Technology, 1998. Cambridge. < http://llk.media.mit.edu/projects/bbb/sections/crickets/tree.html >	
2	13	Resnick, Mitchel. "Playing Well with Others." Technology Review. May/June 1998. 1 page.	
2	14	"Sensory Design '98: Beyond Black Boxes." Ed. MIT Media Laboratory. 37 pages. 6 July 1998. Massachusetts Institute of Technology. Cambridge. < http://web.archive.org/web/20010523173803/el.www.media.mit.edu/people/mikhak/sd98/html >	
2	15	MIT Media Laboratory. "The MIT Programmable Brick." 1 page. 18 August 1998. < http://web.archive.org/web/19900127142751/el.www.media.mit.edu/el/projects/programmable-brick.html >	
2	16	MIT Media Laboratory. "The Programmable Brick FAQ." 5 pages. 12 Dec. 2004. < http://lcs.www.media.mit.edu/groups/el/projects/programmable-brick/more.html >	

Examiner Signature	John A. Ricci	John Ricci	Date Considered	6/8/05
Primary Examiner				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.